25775-CZ-AZ-A JPL

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR /	ATTORNEY DOCKET NO.
09/492971	01/27/2000	Tikva Vogel	25775-C JPW/SJT

EXAMINER	
Rita Mitra	
ART UNIT	**PAPER**
1653	

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Response: 8/18/04 MPL

Commissioner of Patents

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

APPLICANT IS GIVEN 30 days FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.F.R.. §§ 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Rita Mitra** whose telephone number is (571) 272-0954. The examiner can normally be reached on weekdays from 9:30 to 6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Jon Weber** can be reached at (571) 272-0925. The fax number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-0547.

Jon P. Weber, Ph.D.
Primary Examiner

Notice to Comply	Application No.	Applicant(s)	
	09/492971	Vogel et al.	
	Examiner	Art Unit	
	Rita Mitra, Ph. D.	1653	

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).

☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).

☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).

☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."

☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).

☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).

☐ 7. Other:

Applicant Must Provide:

☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".

☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.

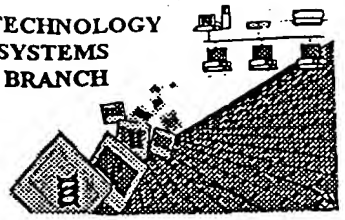
☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216
For CRF Submission Help, call (703) 308-4212
PatentIn Software Program Support
Technical Assistance.....703-287-0200
To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/492,971
Source: 1600
Date Processed by STIC: 6-9-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED | **SUGGESTED CORRECTION** | SERIAL NUMBER: 09/492,971

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2____ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

3____ Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4____ Non-ASCII — The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5____ Variable Length — Sequence(s)____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing

6____ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences:

7____ Skipped Sequences (OLD RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences

8____ Skipped Sequences (NEW RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence
<210> sequence id number
<400> sequence id number
000

9____ Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents

10 X Invalid <213> Response — Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species) <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11____ Use of <220> — Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 07/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12____ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____ Misuse of n/Xaa — "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/492,971

DATE: 06/09/2004
TIME: 16:16:32

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\06092004\I492971.raw

3 <110> APPLICANT: Vogel et al., Tikva
5 <120> TITLE OF INVENTION: FIBRIN BINDING DOMAIN POLYPEPTIDES AND USES AND METHODS OF RODUCING SAME
7 <130> FILE REFERENCE: 25775-CZ-AZ-A
9 <140> CURRENT APPLICATION NUMBER: US 09/492,971
10 <141> CURRENT FILING DATE: 2000-01-27
12 <160> NUMBER OF SEQ ID NOS: 38
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 11
18 <212> TYPE: DNA
19 <213> ORGANISM: Synthetic Probe
21 <400> SEQUENCE: 1
22 ctgtttaagc a 11
25 <210> SEQ ID NO: 2
26 <211> LENGTH: 15
27 <212> TYPE: DNA
28 <213> ORGANISM: Synthetic Probe
30 <400> SEQUENCE: 2
31 gacaaattcg tctag 15
34 <210> SEQ ID NO: 3
35 <211> LENGTH: 41
36 <212> TYPE: DNA
37 <213> ORGANISM: Synthetic Probe
39 <400> SEQUENCE: 3
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43 <210> SEQ ID NO: 4
44 <211> LENGTH: 43
45 <212> TYPE: DNA
46 <213> ORGANISM: Synthetic Probe
48 <400> SEQUENCE: 4
49 tccgaccaga taggaagtcc cagcagcatg atcaaaacac ttc 43
52 <210> SEQ ID NO: 5
53 <211> LENGTH: 45
54 <212> TYPE: DNA
55 <213> ORGANISM: Synthetic Probe
57 <400> SEQUENCE: 5
58 tcggagaaac gtgggagaag ccctaccaag gctggatgat ggtag 45
61 <210> SEQ ID NO: 6
62 <211> LENGTH: 45
63 <212> TYPE: DNA
64 <213> ORGANISM: Synthetic Probe
66 <400> SEQUENCE: 6
67 acaatctacc atcatccagc cttggtaggg cttctcccac gtttc 45

Does Not Comply
Corrected Diskette Needed
See item 10 on error summary report.

RAW SEQUENCE LISTING DATE: 06/09/2004
PATENT APPLICATION: US/09/492,971 TIME: 16:16:32

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\06092004\I492971.raw

70 <210> SEQ ID NO: 7
71 <211> LENGTH: 45
72 <212> TYPE: DNA
73 <213> ORGANISM: Synthetic Probe
75 <400> SEQUENCE: 7
76 attgtacttg cctgggagaa ggcagcggac gcatcacttg cactt 45
79 <210> SEQ ID NO: 8
80 <211> LENGTH: 44
81 <212> TYPE: DNA
82 <213> ORGANISM: Synthetic Probe same error
84 <400> SEQUENCE: 8
85 ctagaactgc aagtgatgcg tccgctgcct tctcccaggc aagt 44
88 <210> SEQ ID NO: 9
89 <211> LENGTH: 38
90 <212> TYPE: DNA
91 <213> ORGANISM: Synthetic Probe
93 <400> SEQUENCE: 9
94 cctcctgttt ctccgtaagt gatcctgtaa tatctcac 38
97 <210> SEQ ID NO: 10
98 <211> LENGTH: 33
99 <212> TYPE: DNA
100 <213> ORGANISM: Synthetic Probe
102 <400> SEQUENCE: 10
103 gaatcaagac ctgttttctg tcttcctcta aga 33
106 <210> SEQ ID NO: 11
107 <211> LENGTH: 40
108 <212> TYPE: DNA
109 <213> ORGANISM: Synthetic Probe
111 <400> SEQUENCE: 11
112 ccaggtccct cggaacatca gaaactgttg attgttggcc 40
115 <210> SEQ ID NO: 12
116 <211> LENGTH: 36
117 <212> TYPE: DNA
118 <213> ORGANISM: Synthetic Probe
120 <400> SEQUENCE: 12
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124 <210> SEQ ID NO: 13
125 <211> LENGTH: 42
126 <212> TYPE: DNA
127 <213> ORGANISM: Synthetic Probe
129 <400> SEQUENCE: 13
130 catgacccct tcattggttg tgcagatttc ctcgtgggca gc 42
133 <210> SEQ ID NO: 14
134 <211> LENGTH: 14
135 <212> TYPE: DNA
136 <213> ORGANISM: Synthetic Probe
138 <400> SEQUENCE: 14
139 ctgtttaata agca 14
142 <210> SEQ ID NO: 15

RAW SEQUENCE LISTING DATE: 06/09/2004
PATENT APPLICATION: US/09/492,971 TIME: 16:16:32

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\06092004\I492971.raw

<211> LENGTH: 2327
<212> TYPE: PRT
<213> ORGANISM: Synthetic Probe same error
<400> SEQUENCE: 15

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Ser Lys Arg Gln Ala Gln Gln Met Val Gln Pro Gln Ser Pro Val Ala
1               5                  10                  15
Val Ser Gln Ser Lys Pro Gly Cys Tyr Asp Asn Gly Lys His Tyr Gln
            20                  25                  30
Ile Asn Gln Gln Trp Glu Arg Thr Tyr Leu Gly Asn Val Leu Val Cys
        35                  40                  45
Thr Cys Tyr Gly Gly Ser Arg Gly Phe Asn Cys Glu Ser Lys Pro Glu
    50                  55                  60
Ala Glu Glu Thr Cys Phe Asp Lys Tyr Thr Gly Asn Thr Tyr Arg Val
65                  70                  75                  80
Gly Asp Thr Tyr Glu Arg Pro Lys Asp Ser Met Ile Trp Asp Cys Thr
                85                  90                  95
Cys Ile Gly Ala Gly Arg Gly Arg Ile Ser Cys Thr Ile Ala Asn Arg
            100                 105                 110
Cys His Glu Gly Gly Gln Ser Tyr Lys Ile Gly Asp Thr Trp Arg Arg
        115                 120                 125
Pro His Glu Thr Gly Gly Tyr Met Leu Glu Cys Val Cys Leu Gly Asn
    130                 135                 140
Gly Lys Gly Glu Trp Thr Cys Lys Pro Ile Ala Glu Lys Cys Phe Asp
145                 150                 155                 160
His Ala Ala Gly Thr Ser Tyr Val Val Gly Glu Thr Trp Glu Lys Pro
                165                 170                 175
Tyr Gln Gly Trp Met Met Val Asp Cys Thr Cys Leu Gly Glu Gly Ser
            180                 185                 190
Gly Arg Ile Thr Cys Thr Ser Arg Asn Arg Cys Asn Asp Gln Asp Thr
        195                 200                 205
Arg Thr Ser Tyr Arg Ile Gly Asp Thr Trp Ser Lys Lys Asp Asn Arg
    210                 215                 220
Gly Asn Leu Leu Gln Cys Ile Cys Thr Gly Asn Gly Arg Gly Glu Trp
225                 230                 235                 240
Lys Cys Glu Arg His Thr Ser Val Gln Thr Thr Ser Ser Gly Ser Gly
                245                 250                 255
Pro Phe Thr Asp Val Arg Ala Ala Val Tyr Gln Pro Gln Pro His Pro
            260                 265                 270
Gln Pro Pro Pro Tyr Gly His Cys Val Thr Asp Ser Gly Val Val Tyr
        275                 280                 285
Ser Val Gly Met Gln Trp Leu Lys Thr Gln Gly Asn Lys Gln Met Leu
    290                 295                 300
Cys Thr Cys Leu Gly Asn Gly Val Ser Cys Gln Glu Thr Ala Val Thr
305                 310                 315                 320
Gln Thr Tyr Gly Gly Asn Leu Asn Gly Glu Pro Cys Val Leu Pro Phe
                325                 330                 335
Thr Tyr Asn Gly Arg Thr Phe Tyr Ser Cys Thr Thr Glu Gly Arg Gln
            340                 345                 350
Asp Gly His Leu Trp Cys Ser Thr Thr Ser Asn Tyr Glu Gln Asp Gln
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RAW SEQUENCE LISTING DATE: 06/09/2004
PATENT APPLICATION: US/09/492,971 TIME: 16:16:32

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```
238          355                 360                 365
241 Lys Tyr Ser Phe Cys Thr Asp His Thr Val Leu Val Gln Thr Gln Gly
242      370                 375                 380
245 Gly Asn Ser Asn Gly Ala Leu Cys His Phe Pro Phe Leu Tyr Asn Asn
246 385                 390                 395                 400
249 His Asn Tyr Thr Asp Cys Thr Ser Glu Gly Arg Arg Asp Asn Met Lys
250                 405                 410                 415
253 Trp Cys Gly Thr Thr Gln Asn Tyr Asp Ala Asp Gln Lys Phe Gly Phe
254             420                 425                 430
257 Cys Pro Met Ala Ala His Glu Glu Ile Cys Thr Thr Asn Glu Gly Val
258         435                 440                 445
261 Met Tyr Arg Ile Gly Asp Gln Trp Asp Lys Gln His Asp Met Gly His
262      450                 455                 460
265 Met Met Arg Cys Thr Cys Val Gly Asn Gly Arg Gly Glu Trp Thr Cys
266 465                 470                 475                 480
269 Ile Ala Tyr Ser Gln Leu Arg Asp Gln Cys Ile Val Asp Asp Ile Thr
270                 485                 490                 495
273 Tyr Asn Val Asn Asp Thr Phe His Lys Arg His Glu Glu Gly His Met
274             500                 505                 510
277 Leu Asn Cys Thr Cys Phe Gly Gln Gly Arg Gly Arg Trp Lys Cys Asp
278         515                 520                 525
281 Pro Val Asp Gln Cys Gln Asp Ser Glu Thr Gly Thr Phe Tyr Gln Ile
282      530                 535                 540
285 Gly Asp Ser Trp Glu Lys Tyr Val His Gly Val Arg Tyr Gln Cys Tyr
286 545                 550                 555                 560
289 Cys Tyr Gly Arg Gly Ile Gly Glu Trp His Cys Gln Pro Leu Gln Thr
290                 565                 570                 575
293 Tyr Pro Ser Ser Ser Gly Pro Val Glu Val Phe Ile Thr Glu Thr Pro
294             580                 585                 590
297 Ser Gln Pro Asn Ser His Pro Ile Gln Trp Asn Ala Pro Gln Pro Ser
298         595                 600                 605
301 His Ile Ser Lys Tyr Ile Leu Arg Trp Arg Pro Lys Asn Ser Val Gly
302      610                 615                 620
305 Arg Trp Lys Glu Ala Thr Ile Pro Gly His Leu Asn Ser Tyr Thr Ile
306 625                 630                 635                 640
309 Lys Gly Leu Lys Pro Gly Val Val Tyr Glu Gly Gln Leu Ile Ser Ile
310                 645                 650                 655
313 Gln Gln Tyr Gly His Gln Glu Val Thr Arg Phe Asp Phe Thr Thr Thr
314             660                 665                 670
317 Ser Thr Ser Thr Pro Val Thr Ser Asn Thr Val Thr Gly Glu Thr Thr
318         675                 680                 685
321 Pro Phe Ser Pro Leu Val Ala Thr Ser Glu Ser Val Thr Glu Ile Thr
322      690                 695                 700
325 Ala Ser Ser Phe Val Val Ser Trp Val Ser Ala Ser Asp Thr Val Ser
326 705                 710                 715                 720
329 Gly Phe Arg Val Glu Tyr Glu Leu Ser Glu Glu Gly Asp Glu Pro Gln
330                 725                 730                 735
333 Tyr Leu Asp Leu Pro Ser Thr Ala Thr Ser Val Asn Ile Pro Asp Leu
334             740                 745                 750
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RAW SEQUENCE LISTING DATE: 06/09/2004
PATENT APPLICATION: US/09/492,971 TIME: 16:16:32

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\06092004\I492971.raw

```
337 Leu Pro Gly Arg Lys Tyr Ile Val Asn Val Tyr Gln Ile Ser Glu Asp
338         755                 760                 765
341 Gly Glu Gln Ser Leu Ile Leu Ser Thr Ser Gln Thr Thr Ala Pro Asp
342     770                 775                 780
345 Ala Pro Pro Asp Pro Thr Val Asp Gln Val Asp Asp Thr Ser Ile Val
346 785                 790                 795                 800
349 Val Arg Trp Ser Arg Pro Gln Ala Pro Ile Thr Gly Tyr Arg Ile Val
350                 805                 810                 815
353 Tyr Ser Pro Ser Val Glu Gly Ser Ser Thr Glu Leu Asn Leu Pro Glu
354             820                 825                 830
357 Thr Ala Asn Ser Val Thr Leu Ser Asp Leu Gln Pro Gly Val Gln Tyr
358         835                 840                 845
361 Asn Ile Thr Ile Tyr Ala Val Glu Glu Asn Gln Glu Ser Thr Pro Val
362     850                 855                 860
365 Val Ile Gln Gln Glu Thr Thr Gly Thr Pro Arg Ser Asp Thr Val Pro
366 865                 870                 875                 880
369 Ser Pro Arg Asp Leu Gln Phe Val Glu Val Thr Asp Val Lys Val Thr
370                 885                 890                 895
373 Ile Met Trp Thr Pro Pro Glu Ser Ala Val Thr Gly Tyr Arg Val Asp
374             900                 905                 910
377 Val Ile Pro Val Asn Leu Pro Gly Glu His Gly Gln Arg Leu Pro Ile
378         915                 920                 925
381 Ser Arg Asn Thr Phe Ala Glu Val Thr Gly Leu Ser Pro Gly Val Thr
382     930                 935                 940
385 Tyr Tyr Phe Lys Val Phe Ala Val Ser His Gly Arg Glu Ser Lys Pro
386 945                 950                 955                 960
389 Leu Thr Ala Gln Gln Thr Thr Lys Leu Asp Ala Pro Thr Asn Leu Gln
390                 965                 970                 975
393 Phe Val Asn Glu Thr Asp Ser Thr Val Leu Val Arg Trp Thr Pro Pro
394             980                 985                 990
397 Arg Ala Gln Ile Thr Gly Tyr Arg Leu Thr Val Gly Leu Thr Arg Arg
398         995                 1000                1005
401 Gly Gln Pro Arg Gln Tyr Asn Val Gly Pro Ser Val Ser Lys Tyr
402     1010                1015                1020
405 Pro Leu Arg Asn Leu Gln Pro Ala Ser Glu Tyr Thr Val Ser Leu
406     1025                1030                1035
409 Val Ala Ile Lys Gly Asn Gln Glu Ser Pro Lys Ala Thr Gly Val
410     1040                1045                1050
413 Phe Thr Thr Leu Gln Pro Gly Ser Ser Ile Pro Pro Tyr Asn Thr
414     1055                1060                1065
417 Glu Val Thr Glu Thr Thr Ile Val Ile Thr Trp Thr Pro Ala Pro
418     1070                1075                1080
421 Arg Ile Gly Phe Lys Leu Gly Val Arg Pro Ser Gln Gly Gly Glu
422     1085                1090                1095
425 Ala Pro Arg Glu Val Thr Ser Asp Ser Gly Ser Ile Val Val Ser
426     1100                1105                1110
429 Gly Leu Thr Pro Gly Val Glu Tyr Val Tyr Thr Ile Gln Val Leu
430     1115                1120                1125
433 Arg Asp Gly Gln Glu Arg Asp Ala Pro Ile Val Asn Lys Val Val
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/09/2004
PATENT APPLICATION: US/09/492,971 TIME: 16:16:33

Input Set : A:\PTO.FG.txt
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nvalid Line Length:
he rules require that a line not exceed 72 characters in length. This includes spaces.

eq#:1; Line(s) 5

VERIFICATION SUMMARY DATE: 06/09/2004
PATENT APPLICATION: US/09/492,971 TIME: 16:16:33

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\06092004\I492971.raw

NOTICE OF OFFICE PLAN TO CEASE SUPPLYING COPIES OF CITED U.S. PATENT REFERENCES WITH OFFICE ACTIONS, AND PILOT TO EVALUATE THE ALTERNATIVE OF PROVIDING ELECTRONIC ACCESS TO SUCH U.S. PATENT REFERENCES

Summary

The United States Patent and Trademark Office (Office or USPTO) plans in the near future to: (1) cease mailing copies of U.S. patents and U.S. patent application publications (US patent references) with Office actions except for citations made during the international stage of an international application under the Patent Cooperation Treaty and those made during reexamination proceedings; and (2) provide electronic access to, with convenient downloading capability of, the US patent references cited in an Office action via the Office's private Patent Application Information Retrieval (PAIR) system which has a new feature called "E-Patent Reference." Before ceasing to provide copies of U.S. patent references with Office actions, the Office shall test the feasibility of the E-Patent Reference feature by conducting a two-month pilot project starting with Office actions mailed after December 1, 2003. The Office shall evaluate the pilot project and publish the results in a notice which will be posted on the Office's web site (www.USPTO.gov) and in the Patent Official Gazette (O.G.). In order to use the new E-Patent Reference feature during the pilot period, or when the Office ceases to send copies of U.S. patent references with Office actions, the applicant must: (1) obtain a digital certificate from the Office; (2) obtain a customer number from the Office, and (3) properly associate applications with the customer number. The pilot project does not involve or affect the current Office practice of supplying paper copies of foreign patent documents and non-patent literature with Office actions. Paper copies of references will continue to be provided by the USPTO for searches and written opinions prepared by the USPTO for international applications during the international stage and for reexamination proceedings.

Description of Pilot Project to Provide Electronic Access to Cited U.S. Patent References

On December 1, 2003, the Office will make available a new feature, E-Patent Reference, in the Office's private PAIR system, to allow more convenient downloading of U.S. patents and U.S. patent application publications. The new feature will allow an authorized user of private PAIR to download some or all of the U.S. patents and U.S. patent application publications cited by an examiner on form PTO-892 in Office actions, as well as U.S. patents and U.S. patent application publications submitted by applicants on form PTO/SB08 (1449) as part of an IDS. The retrieval of some or all of the documents may be performed in one downloading step with the documents encoded as Adobe Portable Document format (.pdf) files, which is an improvement over the current page-by-page retrieval capability from other USPTO systems.

Steps to Use the New E-Patent Reference Feature During the Pilot Project and Thereafter

Access to private PAIR is required to utilize E-Patent Reference. If you don't already have access to private PAIR, the Office urges practitioners, and applicants not represented by a practitioner, to take advantage of the transition period to obtain a no-cost USPTO Public Key Infrastructure (PKI) digital certificate, obtain a USPTO customer number, associate all of their pending and new application filings with their customer number, install no-cost software (supplied by the Office) required to access private PAIR and E-Patent Reference feature, and make appropriate arrangements for Internet access. The full instructions for obtaining a PKI digital certificate are available at the Office's Electronic Business Center (EBC) web page at: <http://www.uspto.gov/ebc/downloads.html>. Note that a notarized signature will be required to obtain a digital certificate.

To get a Customer Number, download and complete the Customer Number Request form, PTO-SB125, at: http://www.uspto.gov/web/forms/sb0125.pdf. The completed form can then be transmitted by facsimile to the Electronic Business Center at (703) 308-2840, or mailed to the address on the form. If you are a registered attorney or patent agent, then your registration number must be associated with your customer number. This is accomplished by adding your registration number to the Customer Number Request form. A description of associating a customer number with an application is described at the EBC web page at: http://www.uspto.gov/ebc/registration_pair.html.

The E-Patent Reference feature will be accessed using a new button on the private PAIR screen. Ordinarily all of the cited U.S. patent and U.S. patent application publication references will be available over the Internet using the Office's new E-Patent Reference feature. The size of the references to be downloaded will be displayed by E-Patent Reference so the download time can be estimated. Applicants and registered practitioners can select to download all of the references or any combination of cited references. Selected references will be downloaded as complete documents as Adobe Portable Document Format (.pdf) files. For a limited period of time, the USPTO will include a copy of this notice with Office actions to encourage applicants to use this new feature and, if needed, to take the steps outlined above in order to be able to utilize this new feature during the pilot and thereafter.

During the two-month pilot, the Office will evaluate the stability and capacity of the E-Patent Reference feature to reliably provide electronic access to cited U.S. patent and U.S. patent application publication references. While copies of U.S. patent and U.S. patent application publication references cited by examiners will continue to be mailed with Office actions during the pilot project, applicants are encouraged to use the private PAIR and the E-Patent Reference feature to electronically access and download cited U.S. patent and U.S. patent application publication references so the Office will be able to objectively evaluate its performance. The public is encouraged to submit comments to the Office on the usability and performance of the E-Patent Reference feature during the pilot. Further, during the pilot period registered practitioners, and applicants not represented by a practitioner, are encouraged to experiment with the feature, develop a proficiency in using the feature, and establish new internal processes for using the new access to the cited U.S. patents and U.S. patent application publications to prepare for the anticipated cessation of the current Office practice of supplying copies of such cited

references. The Office plans to continue to provide access to the E-Patent Reference feature during its evaluation of the pilot.

Comments

Comments concerning the E-Patent Reference feature should be in writing and directed to the Electronic Business Center (EBC) at the USPTO by electronic mail at eReference@uspto.gov or by facsimile to (703) 308-2840. Comments will be posted and made available for public inspection. To ensure that comments are considered in the evaluation of the pilot project, comments should be submitted in writing by January 15, 2004.

Comments with respect to specific applications should be sent to the Technology Centers' customer service centers. Comments concerning digital certificates, customer numbers, and associating customer numbers with applications should be sent to the Electronic Business Center (EBC) at the USPTO by facsimile at (703) 308-2840 or by e-mail at EBC@uspto.gov.

Implementation after Pilot

After the pilot, its evaluation, and publication of a subsequent notice as indicated above, the Office expects to implement its plan to cease mailing paper copies of U.S. patent references cited during examination of non provisional applications on or after February 2, 2004; although copies of cited foreign patent documents, as well as non-patent literature, will still be mailed to the applicant until such time as substantially all applications have been scanned into IFW.

For Further Information Contact

Technical information on the operation of the IFW system can be found on the USPTO website at http://www.uspto.gov/web/patents/ifw/index.html. Comments concerning the E-Patent Reference feature and questions concerning the operation of the PAIR system should be directed to the EBC at the USPTO at (866) 217-9197. The EBC may also be contacted by facsimile at (703) 308-2840 or by e-mail at EBC@uspto.gov.

Date. 12/1/03

Nicholas P. Godici

Nicholas P. Godici
Commissioner for Patents

USPTO TO PROVIDE ELECTRONIC ACCESS TO CITED U.S. PATENT REFERENCES WITH OFFICE ACTIONS AND CEASE SUPPLYING PAPER COPIES

In support of its 21st Century Strategic Plan goal of increased patent e-Government, beginning in June 2004, the United States Patent and Trademark Office (Office or USPTO) will begin the phase-in of its E-Patent Reference program and hence will: (1) **provide downloading capability of the U.S. patents and U.S. patent application publications cited in Office actions** via the E-Patent Reference feature of the Office's Patent Application Information Retrieval (PAIR) system; and (2) **cease mailing paper copies of U.S. patents and U.S. patent application publications with Office actions** (in applications and during reexamination proceedings) except for citations made during the international stage of an international application under the Patent Cooperation Treaty (PCT). In order to use the new E-Patent Reference feature applicants must: (1) obtain a digital certificate and software from the Office; (2) obtain a customer number from the Office; and (3) properly associate patent applications with the customer number. Alternatively, copies of all U.S. patents and patent application publications can be accessed without a digital certificate from the USPTO web site, from the USPTO Office of Public Records, and from commercial sources. The Office will continue the practice of supplying paper copies of foreign patent documents and non-patent literature with Office actions. Paper copies of cited references will continue to be provided by the USPTO for international applications during the international stage.

Schedule

June 2004	TCs 1600, 1700, 2800 and 2900
July 2004	TCs 3600 and 3700
August 2004	TCs 2100 and 2600

All U.S. patents and U.S. patent application publications are available on the USPTO web site. However, a simple system for downloading the cited U.S. patents and patent application publications has been established for applicants, called the E-Patent Reference system. As E-Patent Reference and Private PAIR require participating applicants to have a customer number, retrieval software and a digital certificate, all applicants are strongly encouraged to contact the Patent Electronic Business Center to acquire these items. To be ready to use this system by June 1, 2004, contact the Patent EBC as soon as possible by phone at 866-217-9197 (toll-free), 703-305-3028 or 703-308-6845 or electronically via the Internet at ebc@uspto.gov.

Other Options

The E-Patent Reference function requires the applicant to use the secure Private PAIR system, which establishes confidential communications with the applicant. Applicants using this facility must receive a digital certificate, as described above. Other options for obtaining patents which do not require the digital certificate include the USPTO's free Patents on the Web program (http://www.uspto.gov/patft/index.html). The USPTO's Office of Public Records also supplies copies of patents for a fee (http://ebiz1.uspto.gov/oems25p/index.html). Commercial sources also provide U.S. patents and patent application publications.

For complete instructions see the Official Gazette Notice, USPTO TO PROVIDE ELECTRONIC ACCESS TO CITED U.S. PATENT REFERENCES WITH OFFICE ACTIONS AND CEASE SUPPLYING PAPER COPIES, on the USPTO web site.

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Please find below and/or attached an Office communication concerning this application or proceeding.